

Patent Application S/N 10/032,826

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IN THE CLAIMS

1. (Currently Amended) A method for facilitating access to previously stored information on a computer network by a user of a mobile device, the method comprising:
 - receiving data representing the information from a data provider through a base system interface;
 - storing a data object representing the data in a database;
 - associating the data object with the user within the database;
 - associating the data object with a selected one of two or more data object types wherein the selected data object type specifies the type of the data object;
 - receiving a request from the user for retrieval of the data through a mobile system interface; and
 - sending the data to the user through the mobile system interface in accordance with one or more data attributes defined for the selected data object type;
 - wherein the request is a numerical identifier of the data object entered by the user through a mobile device coupled to the mobile system interface.
2. (Original) The method of Claim 1 wherein each of the data object types is associated with a type identifier.
3. (Currently Amended) The method of Claim 1 further comprising:
 - parsing the data into one or more portions, each of which corresponds to the one or more data attributes defined for the selected data object type; and
 - wherein storing the data object includes storing the one or more portions organized according to the data attributes defined for the selected data object type.
4. (Original) The method of Claim 3 wherein the parsing is according to an attribute pattern specified for the selected data object type.

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5. (Currently Amended) The method of Claim 1 wherein sending comprises:
sending the data along with one or more user interface triggers by which the user can invoke one or more respectively associated actions defined for the selected data object type to be taken with respect to the data.
6. (Original) The method of Claim 5 wherein a selected one of the actions is to be performed by a mobile device used by the user to request the data.
7. (Original) The method of Claim 6 wherein the selected action has a behavior defined by one or more instructions to be performed by the mobile device; and
further wherein sending the data to the user includes sending the instructions with the data.
8. (Original) The method of Claim 5 wherein a selected one of the actions is accessible to the user only if the selected data object type of the data object is one of one or more acceptable ones of the two or more data object types.
9. (Original) The method of Claim 5 wherein performance of a selected one of the actions acts upon one or more of the data attributes of the data object.
10. (Original) The method of Claim 5 wherein a selected one of the actions is accessible to the user depending upon user data representing characteristics of the user.
11. (Original) The method of Claim 10 wherein the user data includes specification of a mobile data services provider.
12. (Currently Amended) A computer readable medium useful in association with a computer which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to facilitate access to previously stored information on a computer network by a user of a mobile device by:

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receiving data representing the information from a data provider through a base system interface;

storing a data object representing the data in a database;

associating the data object with the user within the database;

associating the data object with a selected one of two or more data object types

wherein the selected data object type specifies the type of the data object;

receiving a request from the user for retrieval of the data through a mobile system interface; and

sending the data to the user through the mobile system interface in accordance with one or more data attributes defined for the selected data object type;

wherein the request is a numerical identifier of the data object entered by the user through a mobile device coupled to the mobile system interface.

13. (Previously Presented) The computer readable medium of Claim 12 wherein each of the data object types is associated with a type identifier.

14. (Currently Amended) The computer readable medium of Claim 12 wherein the computer instructions are configured to cause the computer to facilitate access to previously stored information on a computer network by a user of a mobile device by also:

parsing the data into one or more portions, each of which corresponds to the one or more data attributes defined for the selected data object type; and

wherein storing the data object includes storing the one or more portions organized according to the data attributes defined for the selected data object type.

15. (Previously Presented) The computer readable medium of Claim 14 wherein the parsing is according to an attribute pattern specified for the selected data object type.

16. (Currently Amended) The computer readable medium of Claim 12 wherein sending comprises:

sending the data along with one or more user interface triggers by which the user

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can invoke one or more respectively associated actions defined for the selected data object type to be taken with respect to the data.

17. (Previously Presented) The computer readable medium of Claim 16 wherein a selected one of the actions is to be performed by a mobile device used by the user to request the data.

18. (Previously Presented) The computer readable medium of Claim 17 wherein the selected action has a behavior defined by one or more instructions to be performed by the mobile device; and
further wherein sending the data to the user includes sending the instructions with the data.

19. (Previously Presented) The computer readable medium of Claim 16 wherein a selected one of the actions is accessible to the user only if the selected data object type of the data object is one of one or more acceptable ones of the two or more data object types.

20. (Previously Presented) The computer readable medium of Claim 16 wherein performance of a selected one of the actions acts upon one or more of the data attributes of the data object.

21. (Previously Presented) The computer readable medium of Claim 16 wherein a selected one of the actions is accessible to the user depending upon user data representing characteristics of the user.

22. (Previously Presented) The computer readable medium of Claim 21 wherein the user data includes specification of a mobile data services provider.

23. (Currently Amended) A computer system comprising:
a processor;

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a memory operatively coupled to the processor; and
a mobile data access module (i) which executes in the processor from the memory and (ii) which, when executed by the processor, causes the computer to facilitate access to previously stored information on a computer network by a user of a mobile device by:
receiving data representing the information from a data provider through a base system interface;
storing a data object representing the data in a database;
associating the data object with the user within the database;
associating the data object with a selected one of two or more data object types wherein the selected data object type specifies the type of the data object;
receiving a request from the user for retrieval of the data through a mobile system interface; and
sending the data to the user through the mobile system interface in accordance with one or more data attributes defined for the selected data object type;
wherein the request is a numerical identifier of the data object entered by the user through a mobile device coupled to the mobile system interface.

24. (Previously Presented) The computer system of Claim 23 wherein each of the data object types is associated with a type identifier.

25. (Currently Amended) The computer system of Claim 23 wherein the mobile data access module is configured to cause the computer to facilitate access to previously stored information on a computer network by a user of a mobile device by also:

parsing the data into one or more portions, each of which corresponds to the one or more data attributes defined for the selected data object type; and
wherein storing the data object includes storing the one or more portions organized according to the data attributes defined for the selected data object type.

26. (Previously Presented) The computer system of Claim 25 wherein the

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parsing is according to an attribute pattern specified for the selected data object type.

27. (Currently Amended) The computer system of Claim 23 wherein sending comprises:

sending the data along with one or more user interface triggers by which the user can invoke one or more respectively associated actions defined for the selected data object type to be taken with respect to the data.

28. (Previously Presented) The computer system of Claim 27 wherein a selected one of the actions is to be performed by a mobile device used by the user to request the data.

29. (Previously Presented) The computer system of Claim 28 wherein the selected action has a behavior defined by one or more instructions to be performed by the mobile device; and

further wherein sending the data to the user includes sending the instructions with the data.

30. (Previously Presented) The computer system of Claim 27 wherein a selected one of the actions is accessible to the user only if the selected data object type of the data object is one of one or more acceptable ones of the two or more data object types.

31. (Previously Presented) The computer system of Claim 27 wherein performance of a selected one of the actions acts upon one or more of the data attributes of the data object.

32. (Previously Presented) The computer system of Claim 27 wherein a selected one of the actions is accessible to the user depending upon user data representing characteristics of the user.

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33. (Previously Presented) The computer system of Claim 32 wherein the user data includes specification of a mobile data services provider.